# CALCULADORA/JAVA

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

/\*

\* calculadora.java

\*

\* Created on 21/Jun/2010, 14:55:02

\*/

package calculadora;

import java.awt.Color;

/\*\*

\*

\* @author Patricia

\*/

public class calculadora extends javax.swing.JFrame {

/\*\* Creates new form calculadora \*/

public calculadora() {

initComponents();

}

/\*\* This method is called from within the constructor to

\* initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is

\* always regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jTextField2 = new javax.swing.JTextField();

jButton1 = new javax.swing.JButton();

jButton3 = new javax.swing.JButton();

jButton4 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setBackground(new java.awt.Color(204, 204, 255));

jLabel1.setFont(new java.awt.Font("Tahoma", 3, 14)); // NOI18N

jLabel1.setForeground(new java.awt.Color(0, 51, 204));

jLabel1.setText("Numero 1");

jLabel2.setFont(new java.awt.Font("Tahoma", 3, 14)); // NOI18N

jLabel2.setForeground(new java.awt.Color(0, 0, 204));

jLabel2.setText("Numero 2");

jLabel3.setFont(new java.awt.Font("Tahoma", 3, 14)); // NOI18N

jLabel3.setForeground(new java.awt.Color(0, 51, 255));

jLabel3.setText("Resultado");

jButton1.setBackground(javax.swing.UIManager.getDefaults().getColor("Button.darkShadow"));

jButton1.setForeground(new java.awt.Color(50, 50, 249));

jButton1.setText("Soma");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

jButton3.setText("Subtrair");

jButton3.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton3ActionPerformed(evt);

}

});

jButton4.setText("Dividir");

jButton4.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton4ActionPerformed(evt);

}

});

jButton2.setText("Multiplicação");

jButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton2ActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(133, 133, 133)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT\_SIZE, 237, Short.MAX\_VALUE)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGap(26, 26, 26)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jTextField2)

.addComponent(jTextField1, javax.swing.GroupLayout.DEFAULT\_SIZE, 64, Short.MAX\_VALUE)))))

.addGroup(layout.createSequentialGroup()

.addGap(30, 30, 30)

.addComponent(jButton1)

.addGap(18, 18, 18)

.addComponent(jButton3)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(jButton4)

.addGap(18, 18, 18)

.addComponent(jButton2)))

.addContainerGap())

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(50, 50, 50)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 34, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(40, 40, 40)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jButton1)

.addComponent(jButton3)

.addComponent(jButton4)

.addComponent(jButton2)))

.addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 57, Short.MAX\_VALUE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 25, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(33, 33, 33))

);

pack();

}// </editor-fold>

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

float num1,num2,resultado;//variaveis auxiliares

//pega o numerodigitalizado e converte-o para float

num1=Float.parseFloat(jTextField1.getText());

num2=Float.parseFloat(jTextField2.getText());

resultado=num1+num2;

//converte o resultados em String e exibe

jLabel3.setText(String.valueOf("Resultado:"+ resultado));

jTextField1.setText("");//Limpar o JTextField

jTextField1.setText("");

jTextField1.requestFocus();//muda o foco para o JTextField1

jLabel3.setForeground(new Color(255,0,0));//Mudar a cor do label

}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

float num1,num2,resultado;//variaveis auxiliares

//pega o numerodigitalizado e converte-o para float

num1=Float.parseFloat(jTextField1.getText());

num2=Float.parseFloat(jTextField2.getText());

resultado=num1-num2;

//converte o resultados em String e exibe

jLabel3.setText(String.valueOf("Resultado:"+ resultado));

jTextField1.setText("");//Limpar o JTextField

jTextField1.setText("");

jTextField1.requestFocus();//muda o foco para o JTextField1

}

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {

float num1,num2,resultado;//variaveis auxiliares

//pega o numerodigitalizado e converte-o para float

num1=Float.parseFloat(jTextField1.getText());

num2=Float.parseFloat(jTextField2.getText());

resultado=num1/num2;

//converte o resultados em String e exibe

jLabel3.setText(String.valueOf("Resultado:"+ resultado));

jTextField1.setText("");//Limpar o JTextField

jTextField1.setText("");

jTextField1.requestFocus();//muda o foco para o JTextField1

}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

float num1,num2,resultado;//variaveis auxiliares

//pega o numerodigitalizado e converte-o para float

num1=Float.parseFloat(jTextField1.getText());

num2=Float.parseFloat(jTextField2.getText());

resultado=num1\*num2;

//converte o resultados em String e exibe

jLabel3.setText(String.valueOf("Resultado:"+ resultado));

jTextField1.setText("");//Limpar o JTextField

jTextField1.setText("");

jTextField1.requestFocus();//muda o foco para o JTextField1

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new calculadora().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JButton jButton4;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField2;

// End of variables declaration

}

# EXERCICIO 1

/\*

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\* and open the template in the editor.

\*/

/\*

\* Viagem.java

\*

\* Created on 22/Jun/2010, 14:32:53

\*/

package exercicio1;

import java.awt.Color;

/\*\*

\*

\* @author Paulo Carreira

\*/

public class Viagem extends javax.swing.JApplet {

/\*\* Initializes the applet Viagem \*/

public void init() {

try {

java.awt.EventQueue.invokeAndWait(new Runnable() {

public void run() {

initComponents();

}

});

} catch (Exception ex) {

ex.printStackTrace();

}

}

/\*\* This method is called from within the init() method to

\* initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is

\* always regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jTextField2 = new javax.swing.JTextField();

jTextField3 = new javax.swing.JTextField();

jToggleButton1 = new javax.swing.JToggleButton();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel1.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel1.setForeground(new java.awt.Color(0, 102, 102));

jLabel1.setText("Distância da Viagem");

jLabel2.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel2.setForeground(new java.awt.Color(102, 102, 255));

jLabel2.setText("Consumo médio do Carro");

jLabel3.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jLabel3.setForeground(new java.awt.Color(0, 255, 102));

jLabel3.setText("Valor \"Combst.\"");

jTextField1.setForeground(new java.awt.Color(0, 102, 102));

jTextField2.setForeground(new java.awt.Color(0, 102, 102));

jTextField3.setForeground(new java.awt.Color(0, 102, 102));

jToggleButton1.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jToggleButton1.setForeground(new java.awt.Color(0, 0, 204));

jToggleButton1.setText("Cálculo");

jToggleButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jToggleButton1ActionPerformed(evt);

}

});

jLabel4.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jLabel4.setForeground(new java.awt.Color(102, 102, 102));

jLabel4.setText("O combustivel ");

jLabel5.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jLabel5.setForeground(new java.awt.Color(102, 102, 102));

jLabel5.setText("Valor da Viagem ");

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel2)

.addComponent(jLabel3)

.addComponent(jLabel1))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jTextField1, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, 100, Short.MAX\_VALUE)

.addComponent(jTextField3, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, 100, Short.MAX\_VALUE)

.addComponent(jTextField2, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, 100, Short.MAX\_VALUE)))

.addComponent(jToggleButton1))

.addContainerGap(64, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel4)

.addContainerGap(262, Short.MAX\_VALUE))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel5)

.addContainerGap(244, Short.MAX\_VALUE))))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel1)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(38, 38, 38)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel2))))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap())

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel3)

.addGap(38, 38, 38)

.addComponent(jToggleButton1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 99, Short.MAX\_VALUE)

.addComponent(jLabel4)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(jLabel5)

.addGap(18, 18, 18))))

);

}// </editor-fold>

private void jToggleButton1ActionPerformed(java.awt.event.ActionEvent evt) {

float num1,num2,num3,resultado,custo;//variaveis auxiliares

//pega o numerodigitalizado e converte-o para float

num1=Float.parseFloat(jTextField1.getText());

num2=Float.parseFloat(jTextField2.getText());

num3=Float.parseFloat(jTextField3.getText());

resultado=num1/100\*num2;

custo=resultado\*num3;

jLabel4.setText(String.valueOf("Consumo viagem:"+ resultado));

jLabel5.setText(String.valueOf("Valor da viagem:"+ custo));

jTextField1.setText("");//Limpar o JTextField

jTextField2.setText("");

jTextField3.setText("");

jTextField1.requestFocus();//muda o foco para o JTextField1

jLabel4.setForeground(new Color(255,0,0));//Mudar a cor do label

jLabel5.setForeground(new Color(0,255,0));//Mudar a cor do label

}

// Variables declaration - do not modify

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField2;

private javax.swing.JTextField jTextField3;

private javax.swing.JToggleButton jToggleButton1;

// End of variables declaration

}

# EXERCICIO 2

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

/\*

\* moeda.java

\*

\* Created on 23/Jun/2010, 14:20:49

\*/

package exercicio2;

import java.awt.Color;

/\*\*

\*

\* @author Paulo Carreira

\*/

public class moeda extends javax.swing.JApplet {

/\*\* Initializes the applet moeda \*/

public void init() {

try {

java.awt.EventQueue.invokeAndWait(new Runnable() {

public void run() {

initComponents();

}

});

} catch (Exception ex) {

ex.printStackTrace();

}

}

/\*\* This method is called from within the init() method to

\* initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is

\* always regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

jRadioButton1 = new javax.swing.JRadioButton();

jRadioButton2 = new javax.swing.JRadioButton();

jRadioButton3 = new javax.swing.JRadioButton();

jLabel1.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jLabel1.setForeground(new java.awt.Color(0, 102, 51));

jLabel1.setText("Euros");

jLabel2.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jLabel2.setForeground(new java.awt.Color(0, 102, 102));

jLabel2.setText("Valor");

jRadioButton1.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jRadioButton1.setForeground(new java.awt.Color(0, 102, 102));

jRadioButton1.setText("Dolar");

jRadioButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jRadioButton1ActionPerformed(evt);

}

});

jRadioButton2.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jRadioButton2.setForeground(new java.awt.Color(0, 102, 102));

jRadioButton2.setText("Libra");

jRadioButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jRadioButton2ActionPerformed(evt);

}

});

jRadioButton3.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jRadioButton3.setForeground(new java.awt.Color(0, 102, 102));

jRadioButton3.setText("Reais");

jRadioButton3.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jRadioButton3ActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jRadioButton1)

.addGap(31, 31, 31)

.addComponent(jRadioButton2)

.addGap(36, 36, 36)

.addComponent(jRadioButton3))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 104, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addComponent(jLabel2))

.addContainerGap(114, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel1)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(106, 106, 106)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jRadioButton1)

.addComponent(jRadioButton2)

.addComponent(jRadioButton3))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 106, Short.MAX\_VALUE)

.addComponent(jLabel2)

.addContainerGap())

);

}// </editor-fold>

private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {

double euro,dolar,valor;//variaveis auxiliares

//pega o numerodigitalizado e converte-o para float

euro=Double.parseDouble(jTextField1.getText());

dolar=1.22\*euro;

valor=dolar;

jLabel2.setText(String.valueOf("Valor:"+ valor));

jTextField1.requestFocus();//muda o foco para o JTextField1

jLabel2.setForeground(new Color(0,255,0));//Mudar a cor do label

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

}

private void jRadioButton2ActionPerformed(java.awt.event.ActionEvent evt) {

double euro,valor;//variaveis auxiliares

//pega o numerodigitalizado e converte-o para float

euro=Double.parseDouble(jTextField1.getText());

valor=0.82\*euro;

jLabel2.setText(String.valueOf("Valor:"+ valor));

jTextField1.requestFocus();//muda o foco para o JTextField1

jLabel2.setForeground(new Color(255,0,0));//Mudar a cor do label

jRadioButton1.setSelected(false);

jRadioButton3.setSelected(false);

}

private void jRadioButton3ActionPerformed(java.awt.event.ActionEvent evt) {

double euro,valor;//variaveis auxiliares

//pega o numerodigitalizado e converte-o para float

euro=Double.parseDouble(jTextField1.getText());

valor=2.19\*euro;

jLabel2.setText(String.valueOf("Valor:"+ valor));

jTextField1.requestFocus();//muda o foco para o JTextField1

jLabel2.setForeground(new Color(0,0,255));//Mudar a cor do label

jRadioButton1.setSelected(false);

jRadioButton2.setSelected(false);

}

// Variables declaration - do not modify

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JRadioButton jRadioButton1;

private javax.swing.JRadioButton jRadioButton2;

private javax.swing.JRadioButton jRadioButton3;

private javax.swing.JTextField jTextField1;

// End of variables declaration

}

# EXERCICIO 3

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

/\*

\* Média\_das\_disciplina.java

\*

\* Created on 23/Jun/2010, 16:40:41

\*/

package exercicio3;

/\*\*

\*

\* @author Paulo Carreira

\*/

public class Média\_das\_disciplina extends javax.swing.JApplet {

/\*\* Initializes the applet Média\_das\_disciplina \*/

public void init() {

try {

java.awt.EventQueue.invokeAndWait(new Runnable() {

public void run() {

initComponents();

}

});

} catch (Exception ex) {

ex.printStackTrace();

}

}

/\*\* This method is called from within the init() method to

\* initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is

\* always regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

Mat10 = new javax.swing.JTextField();

Port10 = new javax.swing.JTextField();

Ing10 = new javax.swing.JTextField();

Quimc10 = new javax.swing.JTextField();

Fisc10 = new javax.swing.JTextField();

Mat11 = new javax.swing.JTextField();

Port11 = new javax.swing.JTextField();

Ingl11 = new javax.swing.JTextField();

Quimc11 = new javax.swing.JTextField();

Fisc11 = new javax.swing.JTextField();

Mat12 = new javax.swing.JTextField();

Port12 = new javax.swing.JTextField();

Ingl12 = new javax.swing.JTextField();

Quimc12 = new javax.swing.JTextField();

Fisc12 = new javax.swing.JTextField();

jToggleButton1 = new javax.swing.JToggleButton();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

jLabel9 = new javax.swing.JLabel();

jToggleButton2 = new javax.swing.JToggleButton();

jLabel1.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel1.setForeground(new java.awt.Color(0, 102, 102));

jLabel1.setText("Matemática");

jLabel2.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel2.setForeground(new java.awt.Color(0, 102, 102));

jLabel2.setText("Português");

jLabel3.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel3.setForeground(new java.awt.Color(0, 102, 102));

jLabel3.setText("Inglês");

jLabel4.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel4.setForeground(new java.awt.Color(0, 102, 102));

jLabel4.setText("Química");

jLabel5.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel5.setForeground(new java.awt.Color(0, 102, 102));

jLabel5.setText("Física");

jLabel6.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jLabel6.setForeground(new java.awt.Color(0, 102, 102));

jLabel6.setText("Média ");

Mat10.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

Mat10ActionPerformed(evt);

}

});

Fisc12.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

Fisc12ActionPerformed(evt);

}

});

jToggleButton1.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jToggleButton1.setForeground(new java.awt.Color(0, 204, 204));

jToggleButton1.setText("Carregue");

jToggleButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jToggleButton1ActionPerformed(evt);

}

});

jLabel7.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel7.setForeground(new java.awt.Color(102, 0, 0));

jLabel7.setText("10º");

jLabel8.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel8.setForeground(new java.awt.Color(102, 0, 0));

jLabel8.setText("11º");

jLabel9.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel9.setForeground(new java.awt.Color(102, 0, 0));

jLabel9.setText("12º");

jToggleButton2.setFont(new java.awt.Font("Trebuchet MS", 1, 12)); // NOI18N

jToggleButton2.setForeground(new java.awt.Color(255, 51, 51));

jToggleButton2.setText("Limpar");

jToggleButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jToggleButton2ActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel6)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 405, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel1)

.addComponent(jLabel2)

.addComponent(jLabel3)

.addComponent(jLabel4)

.addComponent(jLabel5))

.addGap(33, 33, 33)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(Fisc10)

.addComponent(Quimc10)

.addComponent(Ing10)

.addComponent(Port10)

.addComponent(Mat10, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, 88, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(Fisc11)

.addComponent(Quimc11)

.addComponent(Ingl11)

.addComponent(Port11)

.addComponent(Mat11, javax.swing.GroupLayout.PREFERRED\_SIZE, 89, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(Port12, javax.swing.GroupLayout.DEFAULT\_SIZE, 121, Short.MAX\_VALUE)

.addComponent(Ingl12, javax.swing.GroupLayout.DEFAULT\_SIZE, 121, Short.MAX\_VALUE)

.addComponent(Quimc12, javax.swing.GroupLayout.DEFAULT\_SIZE, 121, Short.MAX\_VALUE)

.addComponent(Fisc12, javax.swing.GroupLayout.DEFAULT\_SIZE, 121, Short.MAX\_VALUE)

.addComponent(Mat12, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT\_SIZE, 121, Short.MAX\_VALUE))))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 205, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jToggleButton1)

.addGap(68, 68, 68)

.addComponent(jToggleButton2)

.addGap(10, 10, 10)))

.addGap(21, 21, 21))

.addGroup(layout.createSequentialGroup()

.addGap(164, 164, 164)

.addComponent(jLabel7)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 99, Short.MAX\_VALUE)

.addComponent(jLabel8)

.addGap(75, 75, 75)

.addComponent(jLabel9)

.addGap(58, 58, 58))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(28, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel7)

.addComponent(jLabel9)

.addComponent(jLabel8))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel1)

.addComponent(Mat10, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(Mat11, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(Mat12, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2)

.addComponent(Port10, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(Port12, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(Port11, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3)

.addComponent(Ing10, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(Ingl12, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(Ingl11, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel4)

.addComponent(Quimc10, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(Quimc12, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(Quimc11, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel5)

.addComponent(Fisc10, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(Fisc12, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(Fisc11, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(35, 35, 35)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jToggleButton1)

.addComponent(jToggleButton2))

.addGap(22, 22, 22)

.addComponent(jLabel6)

.addContainerGap())

);

}// </editor-fold>

private void Fisc12ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void Mat10ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void jToggleButton1ActionPerformed(java.awt.event.ActionEvent evt) {

double Mat\_10,Mat\_11,Mat\_12,Port\_10,Port\_11,Port\_12,Ingl\_10,Ingl\_11,Ingl\_12,Quimc\_10,Quimc\_11,Quimc\_12,Fisc\_10,Fisc\_11,Fisc\_12,media;

//pega o numerodigitalizado e converte-o para float

Mat\_10=Float.parseFloat(Mat10.getText());

Mat\_11=Float.parseFloat(Mat11.getText());

Mat\_12=Float.parseFloat(Mat12.getText());

Port\_10=Float.parseFloat(Port10.getText());

Port\_11=Float.parseFloat(Port11.getText());

Port\_12=Float.parseFloat(Port12.getText());

Ingl\_10=Float.parseFloat(Ing10.getText());

Ingl\_11=Float.parseFloat(Ingl11.getText());

Ingl\_12=Float.parseFloat(Ingl12.getText());

Quimc\_10=Float.parseFloat(Quimc10.getText());

Quimc\_11=Float.parseFloat(Quimc11.getText());

Quimc\_12=Float.parseFloat(Quimc12.getText());

Fisc\_10=Float.parseFloat(Fisc10.getText());

Fisc\_11=Float.parseFloat(Fisc11.getText());

Fisc\_12=Float.parseFloat(Fisc11.getText());

media=(Mat\_10+Mat\_11+Mat\_12+Port\_10+Port\_11+Port\_12+Ingl\_10+Ingl\_11+Ingl\_12+Quimc\_10+Quimc\_11+Quimc\_12+Fisc\_10+Fisc\_11+Fisc\_12)/18;

jLabel6.setText(String.valueOf("Media de todas as disciplinas"+ media));

//jTextField1.setText("");//Limpar o JTextField

//jTextField2.setText("");

//jTextField3.setText("");

//jTextField1.requestFocus();//muda o foco para o JTextField1

//jLabel9.setForeground(new Color(255,0,0));//Mudar a cor do label

}

private void jToggleButton2ActionPerformed(java.awt.event.ActionEvent evt) {

Mat10.setText("");

Mat11.setText("");

Mat12.setText("");

Port10.setText("");

Port11.setText("");

Port12.setText("");

Ing10.setText("");

Ingl11.setText("");

Ingl12.setText("");

Quimc10.setText("");

Quimc11.setText("");

Quimc12.setText("");

Fisc10.setText("");

Fisc11.setText("");

Fisc12.setText("");

}

// Variables declaration - do not modify

private javax.swing.JTextField Fisc10;

private javax.swing.JTextField Fisc11;

private javax.swing.JTextField Fisc12;

private javax.swing.JTextField Ing10;

private javax.swing.JTextField Ingl11;

private javax.swing.JTextField Ingl12;

private javax.swing.JTextField Mat10;

private javax.swing.JTextField Mat11;

private javax.swing.JTextField Mat12;

private javax.swing.JTextField Port10;

private javax.swing.JTextField Port11;

private javax.swing.JTextField Port12;

private javax.swing.JTextField Quimc10;

private javax.swing.JTextField Quimc11;

private javax.swing.JTextField Quimc12;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JToggleButton jToggleButton1;

private javax.swing.JToggleButton jToggleButton2;

// End of variables declaration

}

# EXERCICIO 4

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

/\*

\* Ordenado.java

\*

\* Created on 29/Jun/2010, 10:42:05

\*/

package exercicio4;

/\*\*

\*

\* @author Paulo Carreira

\*/

public class Ordenado extends javax.swing.JApplet {

/\*\* Initializes the applet Ordenado \*/

public void init() {

try {

java.awt.EventQueue.invokeAndWait(new Runnable() {

public void run() {

initComponents();

}

});

} catch (Exception ex) {

ex.printStackTrace();

}

}

/\*\* This method is called from within the init() method to

\* initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is

\* always regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jTextField2 = new javax.swing.JTextField();

jTextField3 = new javax.swing.JTextField();

jTextField4 = new javax.swing.JTextField();

jTextField5 = new javax.swing.JTextField();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

jToggleButton1 = new javax.swing.JToggleButton();

jLabel1.setFont(new java.awt.Font("Trebuchet MS", 1, 14)); // NOI18N

jLabel1.setForeground(new java.awt.Color(0, 102, 102));

jLabel1.setText("Nome");

jLabel2.setFont(new java.awt.Font("Trebuchet MS", 1, 14)); // NOI18N

jLabel2.setForeground(new java.awt.Color(0, 102, 102));

jLabel2.setText("Cargo");

jLabel3.setFont(new java.awt.Font("Trebuchet MS", 1, 14)); // NOI18N

jLabel3.setForeground(new java.awt.Color(0, 102, 102));

jLabel3.setText("Ordenado");

jLabel4.setFont(new java.awt.Font("Trebuchet MS", 1, 14)); // NOI18N

jLabel4.setForeground(new java.awt.Color(0, 102, 102));

jLabel4.setText("H/ Extra");

jLabel5.setFont(new java.awt.Font("Trebuchet MS", 1, 14)); // NOI18N

jLabel5.setForeground(new java.awt.Color(0, 102, 102));

jLabel5.setText("Val.Hrs. Ext.");

jLabel6.setFont(new java.awt.Font("Trebuchet MS", 1, 14)); // NOI18N

jLabel6.setForeground(new java.awt.Color(0, 102, 102));

jLabel6.setText("Subtotal");

jLabel7.setFont(new java.awt.Font("Trebuchet MS", 1, 14)); // NOI18N

jLabel7.setForeground(new java.awt.Color(0, 102, 102));

jLabel7.setText("IRS");

jLabel8.setFont(new java.awt.Font("Trebuchet MS", 1, 14)); // NOI18N

jLabel8.setForeground(new java.awt.Color(0, 102, 102));

jLabel8.setText("Total");

jToggleButton1.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jToggleButton1.setForeground(new java.awt.Color(0, 204, 0));

jToggleButton1.setText("Calculo");

jToggleButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jToggleButton1ActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel1)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 126, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jLabel2)

.addComponent(jTextField2, javax.swing.GroupLayout.DEFAULT\_SIZE, 76, Short.MAX\_VALUE))

.addGap(34, 34, 34)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addComponent(jLabel3, javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jTextField3, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, 84, Short.MAX\_VALUE))

.addGap(23, 23, 23)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jTextField4)

.addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGap(26, 26, 26)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jTextField5)

.addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)))

.addComponent(jLabel6)

.addComponent(jLabel7)

.addComponent(jLabel8)))

.addGroup(layout.createSequentialGroup()

.addGap(104, 104, 104)

.addComponent(jToggleButton1)))

.addContainerGap(39, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3)

.addComponent(jLabel2)

.addComponent(jLabel1)

.addComponent(jLabel4)

.addComponent(jLabel5))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGroup(layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField4, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField5, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addGap(31, 31, 31)

.addComponent(jLabel6)

.addGap(38, 38, 38)

.addComponent(jLabel7)

.addGap(29, 29, 29)

.addComponent(jLabel8)

.addGap(29, 29, 29)

.addComponent(jToggleButton1)

.addContainerGap(67, Short.MAX\_VALUE))

);

}// </editor-fold>

private void jToggleButton1ActionPerformed(java.awt.event.ActionEvent evt) {

Double Ordenado,Horas,Valor,Subtotal,Irs,Total;

//pega o numerodigitalizado e converte-o para float

Ordenado=Double.parseDouble(jTextField3.getText());

Horas=Double.parseDouble(jTextField4.getText());

Valor=Double.parseDouble(jTextField5.getText());

Subtotal=Valor\*Horas+Ordenado;

if(Ordenado<300){

Irs=Subtotal\*0;

}

else

if(Ordenado<420){

Irs=Subtotal\*0.05;

}

else{

Irs=Subtotal\*0.225;

}

Total=Subtotal-Irs;

jLabel6.setText(String.valueOf(" Subtotal:"+ Subtotal));

jLabel7.setText(String.valueOf(" Valor do IRS:"+ Irs));

jLabel8.setText(String.valueOf(" Valor Total:"+ Total));

}

// Variables declaration - do not modify

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField2;

private javax.swing.JTextField jTextField3;

private javax.swing.JTextField jTextField4;

private javax.swing.JTextField jTextField5;

private javax.swing.JToggleButton jToggleButton1;

// End of variables declaration

}

# EXERCICIO 5

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

/\*

\* Os\_gordos.java

\*

\* Created on 1/Jul/2010, 10:10:40

\*/

package exercicio5;

import java.awt.Color;

/\*\*

\*

\* @author Paulo Carreira

\*/

public class Os\_gordos extends javax.swing.JApplet {

/\*\* Initializes the applet Os\_gordos \*/

public void init() {

try {

java.awt.EventQueue.invokeAndWait(new Runnable() {

public void run() {

initComponents();

}

});

} catch (Exception ex) {

ex.printStackTrace();

}

}

/\*\* This method is called from within the init() method to

\* initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is

\* always regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

jTextField2 = new javax.swing.JTextField();

jToggleButton1 = new javax.swing.JToggleButton();

jLabel3 = new javax.swing.JLabel();

jTextField3 = new javax.swing.JTextField();

jLabel1.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel1.setForeground(new java.awt.Color(0, 102, 102));

jLabel1.setText("Peso");

jLabel2.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel2.setForeground(new java.awt.Color(0, 102, 102));

jLabel2.setText("Altura");

jToggleButton1.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jToggleButton1.setForeground(new java.awt.Color(0, 153, 0));

jToggleButton1.setText("Calculo");

jToggleButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jToggleButton1ActionPerformed(evt);

}

});

jLabel3.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel3.setForeground(new java.awt.Color(0, 102, 102));

jLabel3.setText("I M C");

jTextField3.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jTextField3.setForeground(new java.awt.Color(0, 153, 51));

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jToggleButton1)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel3)

.addGap(74, 74, 74)

.addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED\_SIZE, 316, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, layout.createSequentialGroup()

.addComponent(jLabel1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 64, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, layout.createSequentialGroup()

.addComponent(jLabel2)

.addGap(18, 18, 18)

.addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, 63, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addContainerGap(53, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(20, 20, 20)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel1)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(30, 30, 30)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2)

.addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(70, 70, 70)

.addComponent(jToggleButton1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 64, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3)

.addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(62, 62, 62))

);

}// </editor-fold>

private void jToggleButton1ActionPerformed(java.awt.event.ActionEvent evt) {

Double Peso,Altura,imc;

//pega o numerodigitalizado e converte-o para float

Peso=Double.parseDouble(jTextField1.getText());

Altura=Double.parseDouble(jTextField2.getText());

imc=Peso/(Altura\*Altura);

if(imc<18.5){

jTextField3.setText(String.valueOf("Magro "));

jTextField3.setForeground(new Color(0,0,255));//Mudar a cor do label

}

else

if(imc<24.9){

jTextField3.setText(String.valueOf("Saudável "));

jTextField3.setForeground(new Color(0,255,0));//Mudar a cor do label

}

else

if(imc<29.9){

jTextField3.setText(String.valueOf("Sobrepeso "));

jTextField3.setForeground(new Color(255,0,0));//Mudar a cor do label

}

else

if(imc<34.9){

jTextField3.setText(String.valueOf("Obesidade Grau I "));

jTextField3.setForeground(new Color(255,0,0));//Mudar a cor do label

}

else

if(imc<39.9){

jTextField3.setText(String.valueOf("Obesidade Grau II "));

jTextField3.setForeground(new Color(255,0,0));//Mudar a cor do label

}

else{

jTextField3.setText(String.valueOf("Obesidade Grau III "));

jTextField3.setForeground(new Color(255,0,0));//Mudar a cor do label

}

}

// Variables declaration - do not modify

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField2;

private javax.swing.JTextField jTextField3;

private javax.swing.JToggleButton jToggleButton1;

// End of variables declaration

}

# EXERCICIO 6

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

/\*

\* Pronto\_a\_Vestir.java

\*

\* Created on 31/Dez/2006, 23:30:08

\*/

package exercicio6;

/\*\*

\*

\* @author Paulo Carreira

\*/

public class Pronto\_a\_Vestir extends javax.swing.JApplet {

/\*\* Initializes the applet Pronto\_a\_Vestir \*/

public void init() {

try {

java.awt.EventQueue.invokeAndWait(new Runnable() {

public void run() {

initComponents();

}

});

} catch (Exception ex) {

ex.printStackTrace();

}

}

/\*\* This method is called from within the init() method to

\* initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is

\* always regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

jLabel9 = new javax.swing.JLabel();

jLabel10 = new javax.swing.JLabel();

jLabel11 = new javax.swing.JLabel();

jLabel12 = new javax.swing.JLabel();

jLabel13 = new javax.swing.JLabel();

jLabel14 = new javax.swing.JLabel();

jLabel15 = new javax.swing.JLabel();

jRadioButton1 = new javax.swing.JRadioButton();

jRadioButton2 = new javax.swing.JRadioButton();

jRadioButton3 = new javax.swing.JRadioButton();

jRadioButton4 = new javax.swing.JRadioButton();

jRadioButton5 = new javax.swing.JRadioButton();

jRadioButton6 = new javax.swing.JRadioButton();

jToggleButton1 = new javax.swing.JToggleButton();

jLabel16 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jLabel17 = new javax.swing.JLabel();

jTextField2 = new javax.swing.JTextField();

jTextField3 = new javax.swing.JTextField();

jTextField4 = new javax.swing.JTextField();

jTextField5 = new javax.swing.JTextField();

jTextField6 = new javax.swing.JTextField();

jTextField7 = new javax.swing.JTextField();

jLabel18 = new javax.swing.JLabel();

jLabel1.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel1.setForeground(new java.awt.Color(102, 0, 0));

jLabel1.setText("Menu");

jLabel2.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel2.setForeground(new java.awt.Color(102, 0, 0));

jLabel2.setText("Preço");

jLabel3.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel3.setForeground(new java.awt.Color(102, 0, 0));

jLabel3.setText("Desconto");

jLabel4.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jLabel4.setForeground(new java.awt.Color(0, 102, 102));

jLabel4.setText("Camisola");

jLabel5.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel5.setForeground(new java.awt.Color(0, 102, 102));

jLabel5.setText("Calça");

jLabel6.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel6.setForeground(new java.awt.Color(0, 102, 102));

jLabel6.setText("Camisa");

jLabel7.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel7.setForeground(new java.awt.Color(0, 102, 102));

jLabel7.setText("Casaco");

jLabel8.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel8.setForeground(new java.awt.Color(0, 102, 102));

jLabel8.setText("Sapato");

jLabel9.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel9.setForeground(new java.awt.Color(0, 102, 102));

jLabel9.setText("Meia");

jLabel10.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel10.setForeground(new java.awt.Color(51, 102, 0));

jLabel10.setText("15,00€");

jLabel11.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel11.setForeground(new java.awt.Color(51, 102, 0));

jLabel11.setText("20,00€");

jLabel12.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel12.setForeground(new java.awt.Color(51, 102, 0));

jLabel12.setText("17,50€");

jLabel13.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel13.setForeground(new java.awt.Color(51, 102, 0));

jLabel13.setText("50,00€");

jLabel14.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel14.setForeground(new java.awt.Color(51, 102, 0));

jLabel14.setText("30,50€");

jLabel15.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel15.setForeground(new java.awt.Color(51, 102, 0));

jLabel15.setText("5,00€");

jRadioButton1.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jRadioButton1.setForeground(new java.awt.Color(0, 153, 255));

jRadioButton1.setText("10%");

jRadioButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jRadioButton1ActionPerformed(evt);

}

});

jRadioButton2.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jRadioButton2.setForeground(new java.awt.Color(0, 153, 255));

jRadioButton2.setText("20%");

jRadioButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jRadioButton2ActionPerformed(evt);

}

});

jRadioButton3.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jRadioButton3.setForeground(new java.awt.Color(0, 153, 255));

jRadioButton3.setText("30%");

jRadioButton3.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jRadioButton3ActionPerformed(evt);

}

});

jRadioButton4.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jRadioButton4.setForeground(new java.awt.Color(0, 153, 255));

jRadioButton4.setText("40%");

jRadioButton4.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jRadioButton4ActionPerformed(evt);

}

});

jRadioButton5.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jRadioButton5.setForeground(new java.awt.Color(0, 153, 255));

jRadioButton5.setText("50%");

jRadioButton5.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jRadioButton5ActionPerformed(evt);

}

});

jRadioButton6.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jRadioButton6.setForeground(new java.awt.Color(0, 153, 204));

jRadioButton6.setText("0%");

jRadioButton6.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jRadioButton6ActionPerformed(evt);

}

});

jToggleButton1.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jToggleButton1.setForeground(new java.awt.Color(204, 0, 0));

jToggleButton1.setText("Calculo");

jToggleButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jToggleButton1ActionPerformed(evt);

}

});

jLabel16.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jLabel16.setForeground(new java.awt.Color(0, 102, 102));

jLabel16.setText("Total:");

jLabel17.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel17.setForeground(new java.awt.Color(102, 0, 0));

jLabel17.setText("Quantidade");

jTextField2.setText("0");

jTextField2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jTextField2ActionPerformed(evt);

}

});

jTextField3.setText("0");

jTextField4.setText("0");

jTextField5.setText("0");

jTextField6.setText("0");

jTextField7.setText("0");

jLabel18.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jLabel18.setForeground(new java.awt.Color(102, 0, 0));

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(51, 51, 51)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel1)

.addComponent(jLabel4)

.addComponent(jLabel5))

.addGap(54, 54, 54)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel11)

.addComponent(jLabel10)

.addComponent(jLabel2)

.addComponent(jLabel12)

.addComponent(jLabel13)

.addComponent(jLabel14)

.addComponent(jLabel15)

.addComponent(jToggleButton1)))

.addComponent(jLabel6)

.addComponent(jLabel7)

.addComponent(jLabel8)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jLabel16)

.addComponent(jLabel9))

.addGap(7, 7, 7)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 118, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGap(43, 43, 43)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addComponent(jTextField7)

.addComponent(jTextField6)

.addComponent(jTextField5)

.addComponent(jTextField4)

.addComponent(jTextField3)

.addComponent(jTextField2)

.addComponent(jLabel17, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGap(34, 34, 34)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jRadioButton6)

.addComponent(jRadioButton5)

.addComponent(jRadioButton4)

.addComponent(jRadioButton3)

.addComponent(jRadioButton2)

.addComponent(jRadioButton1)

.addComponent(jLabel3)))

.addComponent(jLabel18, javax.swing.GroupLayout.PREFERRED\_SIZE, 209, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addContainerGap(271, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel17)

.addComponent(jLabel2)

.addComponent(jLabel1)

.addComponent(jLabel3))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel4)

.addComponent(jLabel10)

.addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addComponent(jRadioButton1))

.addGap(12, 12, 12)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jRadioButton2)

.addComponent(jLabel11)

.addComponent(jLabel5))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel6)

.addComponent(jLabel12)

.addComponent(jTextField4, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addComponent(jRadioButton3))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel7)

.addComponent(jLabel13)

.addComponent(jTextField5, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addComponent(jRadioButton4))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel8)

.addComponent(jLabel14)

.addComponent(jTextField6, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addComponent(jRadioButton5))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel9)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel15)

.addComponent(jTextField7, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addComponent(jRadioButton6))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jToggleButton1)

.addGap(10, 10, 10)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel16)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addComponent(jLabel18, javax.swing.GroupLayout.PREFERRED\_SIZE, 21, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(148, 148, 148))

);

}// </editor-fold>

private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {

double total,taxa1,valor;

total=Double.parseDouble(jTextField1.getText());

taxa1=total\*0.10;

valor=total-taxa1;

jLabel18.setText(String.valueOf("Valor a Pagar "+valor));

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

jRadioButton6.setSelected(false);

}

private void jToggleButton1ActionPerformed(java.awt.event.ActionEvent evt) {

Double camisola,calca,camisa,casaco,sapato,meia,subtotal1,subtotal2,subtotal3,subtotal4,subtotal5,subtotal6,total;

camisola=Double.parseDouble(jTextField2.getText());

calca=Double.parseDouble(jTextField3.getText());

camisa=Double.parseDouble(jTextField4.getText());

casaco=Double.parseDouble(jTextField5.getText());

sapato=Double.parseDouble(jTextField6.getText());

meia=Double.parseDouble(jTextField7.getText());

subtotal1=camisola\*15;

subtotal2=calca\*20;

subtotal3=camisa\*17.50;

subtotal4=casaco\*50;

subtotal5=sapato\*30.50;

subtotal6=meia\*5;

total=subtotal1+subtotal2+subtotal3+subtotal4+subtotal5+subtotal6;

jTextField1.setText(String.valueOf(+total));

}

private void jTextField2ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void jRadioButton2ActionPerformed(java.awt.event.ActionEvent evt) {

double total,taxa2,valor;

total=Double.parseDouble(jTextField1.getText());

taxa2=total\*0.20;

valor=total-taxa2;

jLabel18.setText(String.valueOf("Valor a Pagar "+valor));

jRadioButton1.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

jRadioButton6.setSelected(false);

}

private void jRadioButton3ActionPerformed(java.awt.event.ActionEvent evt) {

double total,taxa3,valor;

total=Double.parseDouble(jTextField1.getText());

taxa3=total\*0.30;

valor=total-taxa3;

jLabel18.setText(String.valueOf("Valor a Pagar "+valor));

jRadioButton2.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

jRadioButton6.setSelected(false);

}

private void jRadioButton4ActionPerformed(java.awt.event.ActionEvent evt) {

double total,taxa4,valor;

total=Double.parseDouble(jTextField1.getText());

taxa4=total\*0.40;

valor=total-taxa4;

jLabel18.setText(String.valueOf("Valor a Pagar "+valor));

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton5.setSelected(false);

jRadioButton6.setSelected(false);

}

private void jRadioButton5ActionPerformed(java.awt.event.ActionEvent evt) {

double total,taxa5,valor;

total=Double.parseDouble(jTextField1.getText());

taxa5=total\*0.50;

valor=total-taxa5;

jLabel18.setText(String.valueOf("Valor a Pagar "+valor));

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton6.setSelected(false);

}

private void jRadioButton6ActionPerformed(java.awt.event.ActionEvent evt) {

double total,taxa6,valor;

total=Double.parseDouble(jTextField1.getText());

taxa6=total\*0;

valor=total-taxa6;

jLabel18.setText(String.valueOf("Valor a Pagar "+valor));

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

jRadioButton1.setSelected(false);

}

// Variables declaration - do not modify

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel10;

private javax.swing.JLabel jLabel11;

private javax.swing.JLabel jLabel12;

private javax.swing.JLabel jLabel13;

private javax.swing.JLabel jLabel14;

private javax.swing.JLabel jLabel15;

private javax.swing.JLabel jLabel16;

private javax.swing.JLabel jLabel17;

private javax.swing.JLabel jLabel18;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JRadioButton jRadioButton1;

private javax.swing.JRadioButton jRadioButton2;

private javax.swing.JRadioButton jRadioButton3;

private javax.swing.JRadioButton jRadioButton4;

private javax.swing.JRadioButton jRadioButton5;

private javax.swing.JRadioButton jRadioButton6;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField2;

private javax.swing.JTextField jTextField3;

private javax.swing.JTextField jTextField4;

private javax.swing.JTextField jTextField5;

private javax.swing.JTextField jTextField6;

private javax.swing.JTextField jTextField7;

private javax.swing.JToggleButton jToggleButton1;

// End of variables declaration

}

# EXERCICIO 7

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

/\*

\* Betão.java

\*

\* Created on 6/Jul/2010, 11:49:37

\*/

package exercicio7;

/\*\*

\*

\* @author Paulo Carreira

\*/

public class Betão extends javax.swing.JApplet {

/\*\* Initializes the applet Betão \*/

public void init() {

try {

java.awt.EventQueue.invokeAndWait(new Runnable() {

public void run() {

initComponents();

}

});

} catch (Exception ex) {

ex.printStackTrace();

}

}

/\*\* This method is called from within the init() method to

\* initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is

\* always regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jTextField5 = new javax.swing.JTextField();

jTextField6 = new javax.swing.JTextField();

jTextField7 = new javax.swing.JTextField();

jTextField8 = new javax.swing.JTextField();

jTextField9 = new javax.swing.JTextField();

jTextField13 = new javax.swing.JTextField();

jRadioButton1 = new javax.swing.JRadioButton();

jRadioButton2 = new javax.swing.JRadioButton();

jRadioButton3 = new javax.swing.JRadioButton();

jRadioButton4 = new javax.swing.JRadioButton();

jLabel6 = new javax.swing.JLabel();

jTextField17 = new javax.swing.JTextField();

jRadioButton5 = new javax.swing.JRadioButton();

jRadioButton6 = new javax.swing.JRadioButton();

jRadioButton7 = new javax.swing.JRadioButton();

jRadioButton8 = new javax.swing.JRadioButton();

jLabel7 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jLabel8 = new javax.swing.JLabel();

jTextField2 = new javax.swing.JTextField();

jButton1 = new javax.swing.JButton();

jLabel1.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel1.setForeground(new java.awt.Color(0, 102, 102));

jLabel1.setText("Betão");

jLabel2.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel2.setForeground(new java.awt.Color(0, 102, 102));

jLabel2.setText("Preço");

jLabel3.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel3.setForeground(new java.awt.Color(0, 102, 102));

jLabel3.setText("Comprimento");

jLabel4.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel4.setForeground(new java.awt.Color(0, 102, 102));

jLabel4.setText("Largura");

jLabel5.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel5.setForeground(new java.awt.Color(0, 102, 102));

jLabel5.setText("Desconto");

jTextField5.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jTextField5.setForeground(new java.awt.Color(0, 51, 102));

jTextField5.setText("50.00");

jTextField6.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jTextField6.setForeground(new java.awt.Color(0, 51, 102));

jTextField6.setText("52.00");

jTextField7.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jTextField7.setForeground(new java.awt.Color(0, 51, 102));

jTextField7.setText("56.50");

jTextField8.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jTextField8.setForeground(new java.awt.Color(0, 51, 102));

jTextField8.setText("45.00");

jTextField9.setFont(new java.awt.Font("Trebuchet MS", 3, 14)); // NOI18N

jTextField13.setFont(new java.awt.Font("Trebuchet MS", 3, 14)); // NOI18N

jRadioButton1.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jRadioButton1.setForeground(new java.awt.Color(0, 102, 102));

jRadioButton1.setText("3%");

jRadioButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jRadioButton1ActionPerformed(evt);

}

});

jRadioButton2.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jRadioButton2.setForeground(new java.awt.Color(0, 102, 102));

jRadioButton2.setText("5%");

jRadioButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jRadioButton2ActionPerformed(evt);

}

});

jRadioButton3.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jRadioButton3.setForeground(new java.awt.Color(0, 102, 102));

jRadioButton3.setText("7%");

jRadioButton3.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jRadioButton3ActionPerformed(evt);

}

});

jRadioButton4.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jRadioButton4.setForeground(new java.awt.Color(0, 102, 102));

jRadioButton4.setText("10%");

jRadioButton4.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jRadioButton4ActionPerformed(evt);

}

});

jLabel6.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel6.setForeground(new java.awt.Color(0, 102, 102));

jLabel6.setText("Altura");

jTextField17.setFont(new java.awt.Font("Trebuchet MS", 3, 14)); // NOI18N

jRadioButton5.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jRadioButton5.setForeground(new java.awt.Color(0, 102, 102));

jRadioButton5.setText("C2025");

jRadioButton5.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jRadioButton5ActionPerformed(evt);

}

});

jRadioButton6.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jRadioButton6.setForeground(new java.awt.Color(0, 102, 102));

jRadioButton6.setText("C2530");

jRadioButton6.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jRadioButton6ActionPerformed(evt);

}

});

jRadioButton7.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jRadioButton7.setForeground(new java.awt.Color(0, 102, 102));

jRadioButton7.setText("C3035");

jRadioButton7.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jRadioButton7ActionPerformed(evt);

}

});

jRadioButton8.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jRadioButton8.setForeground(new java.awt.Color(0, 102, 102));

jRadioButton8.setText("C 12");

jRadioButton8.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jRadioButton8ActionPerformed(evt);

}

});

jLabel7.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel7.setForeground(new java.awt.Color(0, 102, 102));

jLabel7.setText("TOTAL");

jTextField1.setFont(new java.awt.Font("Trebuchet MS", 3, 14)); // NOI18N

jTextField1.setForeground(new java.awt.Color(204, 0, 0));

jLabel8.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jLabel8.setForeground(new java.awt.Color(0, 102, 102));

jLabel8.setText("C/ DESCONTO");

jTextField2.setFont(new java.awt.Font("Trebuchet MS", 3, 14)); // NOI18N

jTextField2.setForeground(new java.awt.Color(204, 0, 0));

jButton1.setFont(new java.awt.Font("Verdana", 3, 18)); // NOI18N

jButton1.setForeground(new java.awt.Color(255, 51, 51));

jButton1.setText("LIMPAR");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGap(127, 127, 127)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jTextField9, javax.swing.GroupLayout.PREFERRED\_SIZE, 67, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel3)

.addGap(2, 2, 2)))

.addGap(43, 43, 43)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addComponent(jTextField13)

.addComponent(jLabel4))

.addGap(60, 60, 60)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jTextField17, javax.swing.GroupLayout.PREFERRED\_SIZE, 63, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel6)))

.addGroup(layout.createSequentialGroup()

.addGap(63, 63, 63)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addComponent(jLabel1)

.addComponent(jRadioButton5, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jRadioButton6, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jRadioButton7, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jRadioButton8))

.addGap(39, 39, 39)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel2)

.addComponent(jTextField5, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField6, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField7, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jButton1)

.addGroup(layout.createSequentialGroup()

.addComponent(jTextField8, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(56, 56, 56)

.addComponent(jLabel7)

.addGap(18, 18, 18)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 261, javax.swing.GroupLayout.PREFERRED\_SIZE))))))

.addGap(130, 130, 130))

.addGroup(layout.createSequentialGroup()

.addGap(47, 47, 47)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jRadioButton4, javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jLabel5, javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jRadioButton3, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jRadioButton2, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jRadioButton1, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, 60, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGap(39, 39, 39)

.addComponent(jLabel8)

.addGap(27, 27, 27)

.addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, 318, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(266, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(26, 26, 26)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3)

.addComponent(jLabel4)

.addComponent(jLabel6))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jTextField9, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField13, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField17, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel1)

.addComponent(jLabel2))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jTextField5, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jRadioButton5))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jTextField6, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jRadioButton6))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jTextField7, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jRadioButton7))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jTextField8, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel7)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addComponent(jRadioButton8))

.addGap(24, 24, 24)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel5)

.addGap(18, 18, 18)

.addComponent(jRadioButton1)

.addGap(18, 18, 18)

.addComponent(jRadioButton2)

.addGap(18, 18, 18)

.addComponent(jRadioButton3)

.addGap(10, 10, 10)

.addComponent(jRadioButton4))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel8)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton1))))

.addGap(117, 117, 117))

);

}// </editor-fold>

private void jRadioButton5ActionPerformed(java.awt.event.ActionEvent evt) {

double Preco,Alt,Compr,Larg,Quant;

Alt=Double.parseDouble(jTextField17.getText());

Compr=Double.parseDouble(jTextField9.getText());

Larg=Double.parseDouble(jTextField13.getText());

Quant=Alt\*Compr\*Larg;

Preco=Quant\*50;

jTextField1.setText(String.valueOf(+Preco));

jRadioButton6.setSelected(false);

jRadioButton7.setSelected(false);

jRadioButton8.setSelected(false);

// TODO add your handling code here:

}

private void jRadioButton6ActionPerformed(java.awt.event.ActionEvent evt) {

double Preco,Alt,Compr,Larg,Quant;

Alt=Double.parseDouble(jTextField17.getText());

Compr=Double.parseDouble(jTextField9.getText());

Larg=Double.parseDouble(jTextField13.getText());

Quant=Alt\*Compr\*Larg;

Preco=Quant\*50;

jTextField1.setText(String.valueOf(+Preco));

jRadioButton5.setSelected(false);

jRadioButton7.setSelected(false);

jRadioButton8.setSelected(false);

}

private void jRadioButton7ActionPerformed(java.awt.event.ActionEvent evt) {

double Preco,Alt,Compr,Larg,Quant;

Alt=Double.parseDouble(jTextField17.getText());

Compr=Double.parseDouble(jTextField9.getText());

Larg=Double.parseDouble(jTextField13.getText());

Quant=Alt\*Compr\*Larg;

Preco=Quant\*50;

jTextField1.setText(String.valueOf(+Preco));

jRadioButton6.setSelected(false);

jRadioButton8.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton8ActionPerformed(java.awt.event.ActionEvent evt) {

double Preco,Alt,Compr,Larg,Quant;

Alt=Double.parseDouble(jTextField17.getText());

Compr=Double.parseDouble(jTextField9.getText());

Larg=Double.parseDouble(jTextField13.getText());

Quant=Alt\*Compr\*Larg;

Preco=Quant\*50;

jTextField1.setText(String.valueOf(+Preco));

jRadioButton6.setSelected(false);

jRadioButton7.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {

double Preco,Valor,taxa1;

Preco=Double.parseDouble(jTextField1.getText());

taxa1=Preco\*0.03;

Valor=Preco-taxa1;

jTextField2.setText(String.valueOf(+Valor));

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

}

private void jRadioButton2ActionPerformed(java.awt.event.ActionEvent evt) {

double Preco,Valor,taxa2;

Preco=Double.parseDouble(jTextField1.getText());

taxa2=Preco\*0.05;

Valor=Preco-taxa2;

jTextField2.setText(String.valueOf(+Valor));

jRadioButton1.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

}

private void jRadioButton3ActionPerformed(java.awt.event.ActionEvent evt) {

double Preco,Valor,taxa3;

Preco=Double.parseDouble(jTextField1.getText());

taxa3=Preco\*0.07;

Valor=Preco-taxa3;

jTextField2.setText(String.valueOf(+Valor));

jRadioButton2.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton4.setSelected(false);

}

private void jRadioButton4ActionPerformed(java.awt.event.ActionEvent evt) {

double Preco,Valor,taxa4;

Preco=Double.parseDouble(jTextField1.getText());

taxa4=Preco\*0.10;

Valor=Preco-taxa4;

jTextField2.setText(String.valueOf(+Valor));

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton1.setSelected(false);

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

jTextField9.setText("");

jTextField13.setText("");

jTextField17.setText("");

jTextField1.setText("");

jTextField2.setText("");

jRadioButton1.setSelected(false);

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

jRadioButton6.setSelected(false);

jRadioButton7.setSelected(false);

jRadioButton8.setSelected(false);

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JRadioButton jRadioButton1;

private javax.swing.JRadioButton jRadioButton2;

private javax.swing.JRadioButton jRadioButton3;

private javax.swing.JRadioButton jRadioButton4;

private javax.swing.JRadioButton jRadioButton5;

private javax.swing.JRadioButton jRadioButton6;

private javax.swing.JRadioButton jRadioButton7;

private javax.swing.JRadioButton jRadioButton8;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField13;

private javax.swing.JTextField jTextField17;

private javax.swing.JTextField jTextField2;

private javax.swing.JTextField jTextField5;

private javax.swing.JTextField jTextField6;

private javax.swing.JTextField jTextField7;

private javax.swing.JTextField jTextField8;

private javax.swing.JTextField jTextField9;

// End of variables declaration

}

# EXERCICIO 8

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

/\*

\* indimenizaçoes.java

\*

\* Created on 7/Jul/2010, 11:33:35

\*/

package exercicio8;

/\*\*

\*

\* @author Paulo Carreira

\*/

public class indimenizaçoes extends javax.swing.JApplet {

/\*\* Initializes the applet indimenizaçoes \*/

public void init() {

try {

java.awt.EventQueue.invokeAndWait(new Runnable() {

public void run() {

initComponents();

}

});

} catch (Exception ex) {

ex.printStackTrace();

}

}

/\*\* This method is called from within the init() method to

\* initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is

\* always regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jTextField2 = new javax.swing.JTextField();

jLabel3 = new javax.swing.JLabel();

jTextField3 = new javax.swing.JTextField();

jButton1 = new javax.swing.JButton();

jLabel4 = new javax.swing.JLabel();

jTextField4 = new javax.swing.JTextField();

jLabel5 = new javax.swing.JLabel();

jTextField5 = new javax.swing.JTextField();

jLabel6 = new javax.swing.JLabel();

jButton2 = new javax.swing.JButton();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

jLabel9 = new javax.swing.JLabel();

setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));

jLabel1.setFont(new java.awt.Font("Trebuchet MS", 1, 18)); // NOI18N

jLabel1.setForeground(new java.awt.Color(0, 102, 102));

jLabel1.setText("Tempo de Serviço");

jLabel2.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel2.setForeground(new java.awt.Color(0, 102, 102));

jLabel2.setText("Vencimento Mensal");

jTextField1.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N

jTextField1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jTextField1ActionPerformed(evt);

}

});

jTextField2.setFont(new java.awt.Font("Times New Roman", 0, 18));

jLabel3.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel3.setForeground(new java.awt.Color(0, 102, 102));

jLabel3.setText("Dias de Férias p/ tirar");

jTextField3.setFont(new java.awt.Font("Times New Roman", 0, 18));

jTextField3.setText("0");

jButton1.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jButton1.setForeground(new java.awt.Color(153, 0, 0));

jButton1.setText("CALCULAR");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

jLabel4.setFont(new java.awt.Font("Trebuchet MS", 1, 14));

jLabel4.setForeground(new java.awt.Color(0, 102, 102));

jLabel4.setText("Indeminização a Pagar");

jTextField4.setFont(new java.awt.Font("Times New Roman", 0, 18));

jLabel5.setFont(new java.awt.Font("Trebuchet MS", 1, 14));

jLabel5.setForeground(new java.awt.Color(0, 102, 102));

jLabel5.setText("Indeminização C/ Férias");

jTextField5.setFont(new java.awt.Font("Tahoma", 0, 18));

jLabel6.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel6.setForeground(new java.awt.Color(0, 102, 102));

jLabel6.setText("Meses");

jButton2.setFont(new java.awt.Font("Trebuchet MS", 1, 14)); // NOI18N

jButton2.setForeground(new java.awt.Color(0, 153, 51));

jButton2.setText("LIMPAR");

jButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton2ActionPerformed(evt);

}

});

jLabel7.setFont(new java.awt.Font("Verdana", 3, 24));

jLabel7.setForeground(new java.awt.Color(102, 102, 0));

jLabel7.setText("Cálculo de Indeminizações");

jLabel8.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel8.setForeground(new java.awt.Color(0, 102, 102));

jLabel8.setText("€");

jLabel9.setFont(new java.awt.Font("Trebuchet MS", 1, 18));

jLabel9.setForeground(new java.awt.Color(0, 102, 102));

jLabel9.setText("€");

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(25, 25, 25)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jButton1)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel2)

.addComponent(jLabel1)

.addComponent(jLabel3)

.addComponent(jLabel4)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jButton2)

.addComponent(jLabel5))

.addComponent(jLabel7)))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jTextField4, javax.swing.GroupLayout.PREFERRED\_SIZE, 173, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField3, javax.swing.GroupLayout.DEFAULT\_SIZE, 173, Short.MAX\_VALUE)

.addComponent(jTextField2, javax.swing.GroupLayout.DEFAULT\_SIZE, 173, Short.MAX\_VALUE)

.addGroup(layout.createSequentialGroup()

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 82, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(jLabel6))

.addComponent(jTextField5, javax.swing.GroupLayout.DEFAULT\_SIZE, 173, Short.MAX\_VALUE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel8)

.addComponent(jLabel9))

.addGap(218, 218, 218))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel7)

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel1)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel6))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2)

.addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3)

.addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(49, 49, 49)

.addComponent(jButton1)

.addGap(35, 35, 35)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel4)

.addComponent(jTextField4, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel8))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel5)

.addComponent(jTextField5, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel9))

.addGap(18, 18, 18)

.addComponent(jButton2)

.addGap(29, 29, 29))

);

}// </editor-fold>

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

double Meses,Vencimento,Ferias,STotal,Total;

Meses=Double.parseDouble(jTextField1.getText());

Vencimento=Double.parseDouble(jTextField2.getText());

Ferias=Double.parseDouble(jTextField3.getText());

if(Meses<6){

STotal=Meses\*3\*Vencimento/30;

jTextField4.setText(String.valueOf(+STotal));

}

else{

STotal=Meses\*2\*Vencimento/30;

jTextField4.setText(String.valueOf(+STotal));

}

Total=STotal+Ferias\*Vencimento/30;

jTextField5.setText(String.valueOf(+Total));

}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

jTextField1.setText("");

jTextField2.setText("");

jTextField3.setText("");

jTextField4.setText("");

jTextField5.setText("");

}

private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField2;

private javax.swing.JTextField jTextField3;

private javax.swing.JTextField jTextField4;

private javax.swing.JTextField jTextField5;

// End of variables declaration

}

# EXERCICIO 9

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

/\*

\* jogo.java

\*

\* Created on 1/Jan/2007, 18:35:47

\*/

package exercicio9;

/\*\*

\*

\* @author Paulo Carreira

\*/

public class jogo extends javax.swing.JApplet {

/\*\* Initializes the applet jogo \*/

public void init() {

try {

java.awt.EventQueue.invokeAndWait(new Runnable() {

public void run() {

initComponents();

}

});

} catch (Exception ex) {

ex.printStackTrace();

}

}

/\*\* This method is called from within the init() method to

\* initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is

\* always regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jRadioButton1 = new javax.swing.JRadioButton();

jLabel1 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jTextField3 = new javax.swing.JTextField();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jRadioButton1.setText("jRadioButton1");

jLabel1.setFont(new java.awt.Font("Trebuchet MS", 3, 18));

jLabel1.setForeground(new java.awt.Color(0, 102, 102));

jLabel1.setText("Marque o númaro que pretende de 0 a 100");

jTextField1.setFont(new java.awt.Font("Trebuchet MS", 3, 14));

jTextField1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jTextField1ActionPerformed(evt);

}

});

jTextField3.setFont(new java.awt.Font("Trebuchet MS", 3, 24)); // NOI18N

jButton1.setFont(new java.awt.Font("Trebuchet MS", 1, 36)); // NOI18N

jButton1.setForeground(new java.awt.Color(0, 102, 102));

jButton1.setText("JOGAR");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

jButton2.setFont(new java.awt.Font("Trebuchet MS", 1, 11)); // NOI18N

jButton2.setForeground(new java.awt.Color(102, 0, 0));

jButton2.setText("LIMPAR");

jButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton2ActionPerformed(evt);

}

});

jLabel2.setFont(new java.awt.Font("Trebuchet MS", 3, 36)); // NOI18N

jLabel2.setForeground(new java.awt.Color(0, 102, 0));

jLabel3.setFont(new java.awt.Font("Trebuchet MS", 1, 36)); // NOI18N

jLabel3.setForeground(new java.awt.Color(153, 0, 0));

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(42, 42, 42)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 375, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 132, Short.MAX\_VALUE)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 114, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(71, 71, 71))

.addGroup(layout.createSequentialGroup()

.addComponent(jButton2)

.addContainerGap(621, Short.MAX\_VALUE))))

.addGroup(layout.createSequentialGroup()

.addGap(72, 72, 72)

.addComponent(jButton1)

.addContainerGap(517, Short.MAX\_VALUE))

.addGroup(layout.createSequentialGroup()

.addGap(138, 138, 138)

.addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED\_SIZE, 116, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(60, 60, 60)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT\_SIZE, 221, Short.MAX\_VALUE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 221, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addContainerGap(199, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(46, 46, 46)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel1)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(70, 70, 70)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 63, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 75, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(73, 73, 73)

.addComponent(jButton1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 67, Short.MAX\_VALUE)

.addComponent(jButton2)

.addGap(22, 22, 22))

);

}// </editor-fold>

private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

double numero;

int sorte;

numero=Double.parseDouble(jTextField1.getText());

sorte=(int)(Math.random()\*100);

if(sorte==numero){

jLabel2.setText(String.valueOf("G A N H O U"));

}

if(sorte<=numero){

jTextField3.setText(String.valueOf("BAIXO"));

jLabel3.setText(String.valueOf("P E R D E U"));

}

else{

jTextField3.setText(String.valueOf("ALTO"));

jLabel3.setText(String.valueOf("P E R D E U"));

}

}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

jTextField1.setText("");

jTextField3.setText("");

jLabel2.setText("");

jLabel3.setText("");

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JRadioButton jRadioButton1;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField3;

// End of variables declaration

}